Volume 101, Numbers 1–4
January–October 1994

Psychological Review

Walter Kintsch, *Editor*
University of Colorado

John T. Cacioppo, *Associate Editor*
Ohio State University

ISSN 0033-295X
Published quarterly by the
American Psychological Association, Inc.
750 First Street, N.E., Washington, DC 20002-4242

Copyright © 1994 by the American Psychological Association, Inc.

Consulting Editors

John R. Anderson
Carnegie Mellon University

Elizabeth Bates
University of California, San Diego

Randolph Blake
Vanderbilt University

Richard J. Davidson
University of Wisconsin

Gary S. Dell
University of Illinois

Kenneth A. Dodge
Vanderbilt University

Howard Egeth
Johns Hopkins University

Phoebe C. Ellsworth
Resource Center for Group Dynamics, Ann Arbor

Reid Hastie
University of Colorado

Charles M. Judd
University of Colorado

John Kihlstrom
University of Arizona

Stephen M. Kosslyn
Harvard University

R. Duncan Luce
University of California, Irvine

Walter Mischel
Columbia University

Dennis Proffitt
University of Virginia

Roger Ratcliff
Northwestern University

Robert A. Rescorla
University of Pennsylvania

Mark S. Seidenberg
University of Southern California

Richard M. Shiffrin
Indiana University

Larry R. Squire
Veterans Affairs Medical Center, La Jolla

Claude Steele
University of Michigan

APA Journal Staff

Susan Knapp
Executive Editor

L. Keith Cooke
Manager, Journal Production

Brian H. Kurland
Production Editor

Leslie A. Cameron
Director, Journals Program

Kathleen P. Baker
Supervisor, Journal Production

Jodi Ashcraft
Advertising Sales Manager

Author Index to Volume 101

Key to Pagination

Issue	*Month*	*Pages*	*Issue*	*Month*	*Pages*
1	January	1–192	3	July	369–544
2	April	193–368	4	October	545–748

ARTICLES

Anderson, Barton L., and Nakayama, Ken—Toward a General Theory of Stereopsis: Binocular Matching, Occluding Contours, and Fusion 414

Baddeley, Alan—The Magical Number Seven: Still Magic After All These Years? 353
Batchelder, William H., Riefer, David M., and Hu, Xiangen—Measuring Memory Factors in Source Monitoring: Reply to Kinchla 172
Berns, Stefanie M.—*see* Remez, Robert E.
Biagini, Karen—*see* Mellers, Barbara A.
Blake, Randolph—Gibson's Inspired but Latent Prelude to Visual Motion Perception 324
Bonatti, Luca—Propositional Reasoning by Model? 725
Bower, Gordon H.—A Turning Point in Mathematical Learning Theory 290
Braine, Martin D. S.—*see* O'Brien, David P.
Britt, Thomas W.—*see* Schlenker, Barry R.
Bronfenbrenner, Urie, and Ceci, Stephen J.—Nature–Nurture Reconceptualized in Developmental Perspective: A Bioecological Model 568
Budescu, David V.—*see* Erev, Ido
Busey, Thomas A., and Loftus, Geoffrey R.—Sensory and Cognitive Components of Visual Information Acquisition ... 446
Byrne, Ruth M. J.—*see* Johnson-Laird, P. N.

Cacioppo, John T.—*see* Kintsch, Walter
Ceci, Stephen J.—*see* Bronfenbrenner, Urie
Chappell, Mark, and Humphreys, Michael S.—An Auto-Associative Neural Network for Sparse Representations: Analysis and Application to Models of Recognition and Cued Recall 103
Chater, Nick—*see* Oaksford, Mike

Davis, D. G. S.—*see* Staddon, J. E. R.
Dawes, Robyn M.—Psychological Measurement 278
Doherty, Kevin—*see* Schlenker, Barry R.

Ellsworth, Phoebe C.—William James and Emotion: Is a Century of Fame Worth a Century of Misunderstanding? ... 222
Erev, Ido, Wallsten, Thomas S., and Budescu, David V.—Simultaneous Over- and Underconfidence: The Role of Error in Judgment Processes 519
Estes, William K.—*Reprint of* Toward a Statistical Theory of Learning 282

Flannery, Daniel J.—*see* Rowe, David C.

Gibson, James J.—*Reprint of* The Visual Perception of Objective Motion and Subjective Movement 318
González-Vallejo, Claudia—*see* Wallsten, Thomas S.
Graesser, Arthur C., Singer, Murray, and Trabasso, Tom—Constructing Inferences During Narrative Text Comprehension 371
Greeno, James G.—Gibson's Affordances 336
Grossberg, Stephen, Mingolla, Ennio, and Ross, William D.—A Neural Theory of Attentive Visual Search: Interactions of Boundary, Surface, Spatial, and Object Representations 470

Hedges, Larry V.—*see* Huttenlocher, Janellen
Hu, Xiangen—*see* Batchelder, William H.
Humphreys, Michael S.—*see* Chappell, Mark
Huttenlocher, Janellen, and Hedges, Larry V.—Combining Graded Categories: Membership and Typicality 157

James, G.—*see* Mewhort, D. J. K.
James, William—*Reprint of* The Physical Basis of Emotion .. 205
Johnson-Laird, P. N., Byrne, Ruth M. J., and Schaeken, Walter—Why Models Rather Than Rules Give a Better Account of Propositional Reasoning: A Reply to Bonatti and to O'Brien, Braine, and Yang 734

Kimble, Gregory A.—A New Formula for Behaviorism 254
Kinchla, R. A.—Comments on Batchelder and Riefer's Multinomial Model for Source Monitoring 166
Kintsch, Walter, and Cacioppo, John T.—Introduction to the 100th Anniversary Issue of the *Psychological Review* 195
Koehler, Derek J.—*see* Tversky, Amos

Lang, Jessica M.—*see* Remez, Robert E.
Lang, Peter J.—The Varieties of Emotional Experience: A Meditation on James–Lange Theory 211
Langfeld, Herbert S.—*Reprint of* Jubilee of the *Psychological Review*: Fifty Volumes of the *Psychological Review* 200
Lewandowsky, Stephan, and Li, Shu-Chen—Memory for Serial Order Revisited 539
Li, Shu-Chen—*see* Lewandowsky, Stephan
Loftus, Geoffrey R.—*see* Busey, Thomas A.
Luce, R. Duncan—Thurstone and Sensory Scaling: Then and Now 271

MacDonald, Maryellen C., Pearlmutter, Neal J., and Seidenberg, Mark S.—Lexical Nature of Syntactic Ambiguity Resolution 676
Machado, A.—*see* Staddon, J. E. R.
Marslen-Wilson, William, Tyler, Lorraine Komisarjevsky, Waksler, Rachelle, and Older, Lianne—Morphology and Meaning in the English Mental Lexicon 3
Marslen-Wilson, William, and Warren, Paul—Levels of Perceptual Representation and Process in Lexical Access: Words, Phonemes, and Features 653
McGuire, William J.—Uses of Historical Data in Psychology: Comments on Münsterberg (1899) 243
McKinley, Stephen C.—*see* Nosofsky, Robert M.
McKoon, Gail—*see* Ratcliff, Roger
McNamara, Timothy P.—Priming and Theories of Memory: A Reply to Ratcliff and McKoon 185
Mellers, Barbara A., and Biagini, Karen—Similarity and Choice 505

Mewhort, D. J. K., Popham, D., and James, G.—On Serial Recall: A Critique of Chaining in the Theory of Distributed Associative Memory 534
Miller, George A.—*Reprint of* The Magical Number Seven, Plus or Minus Two: Some Limits on Our Capacity for Processing Information 343
Mingolla, Ennio—*see* Grossberg, Stephen
Murphy, Rodolfo—*see* Schlenker, Barry R.
Münsterberg, Hugo—*Reprint of* Psychology and History 230

Nairne, James S., and Neath, Ian—Critique of the Retrieval/Deblurring Assumptions of the Theory of Distributed Associative Memory 528
Nakayama, Ken—James J. Gibson—An Appreciation 329
Nakayama, Ken—*see* Anderson, Barton L.
Neath, Ian—*see* Nairne, James S.
Nosofsky, Robert M., Palmeri, Thomas J., and McKinley, Stephen C.—Rule-Plus-Exception Model of Classification Learning 53
Nosofsky, Robert M.—*see* Shiffrin, Richard M.

Oaksford, Mike, and Chater, Nick—A Rational Analysis of the Selection Task as Optimal Data Selection 608
O'Brien, David P., Braine, Martin D. S., and Yang, Yingrui—Propositional Reasoning by Mental Models? Simple to Refute in Principle and in Practice 711
Older, Lianne—*see* Marslen-Wilson, William

Palmer, R. G.—*see* Staddon, J. E. R.
Palmeri, Thomas J.—*see* Nosofsky, Robert M.
Pardo, Jennifer S.—*see* Remez, Robert E.
Pearce, John M.—Similarity and Discrimination: A Selective Review and a Connectionist Model 587
Pearlmutter, Neal J.—*see* MacDonald, Maryellen C.
Pennington, John—*see* Schlenker, Barry R.
Popham, D.—*see* Mewhort, D. J. K.
Pylyshyn, Zenon W.—*see* Trick, Lana M.

Ratcliff, Roger, and McKoon, Gail—Retrieving Information From Memory: Spreading-Activation Theories Versus Compound-Cue Theories 177
Remez, Robert E., Rubin, Philip E., Berns, Stefanie M., Pardo, Jennifer S., and Lang, Jessica M.—On the Perceptual Organization of Speech 129
Riefer, David M.—*see* Batchelder, William H.
Ross, William D.—*see* Grossberg, Stephen
Rowe, David C., Vazsonyi, Alexander T., and Flannery, Daniel J.—No More Than Skin Deep: Ethnic and Racial Similarity in Developmental Process 396
Rubin, Philip E.—*see* Remez, Robert E.

Schaeken, Walter—*see* Johnson-Laird, P. N.
Schlenker, Barry R., Britt, Thomas W., Pennington, John, Murphy, Rodolfo, and Doherty, Kevin—The Triangle Model of Responsibility 632
Schönpflug, Wolfgang—The Road Not Taken: A False Start for Cognitive Psychology 237
Seidenberg, Mark S.—*see* MacDonald, Maryellen C.
Shiffrin, Richard M., and Nosofsky, Robert M.—Seven Plus or Minus Two: A Commentary on Capacity Limitations ... 357
Singer, Murray—*see* Graesser, Arthur C.
Staddon, J. E. R., Davis, D. G. S., Machado, A., and Palmer, R. G.—Cumulative Effects Model: A Response to Williams (1994) 708
Stellar, Eliot—*Reprint of* The Physiology of Motivation 301
Stricker, Edward M.—*see* Teitelbaum, Philip

Teitelbaum, Philip, and Stricker, Edward M.—Compound Complementarities in the Study of Motivated Behavior .. 312
Thompson, Richard F.—Behaviorism and Neuroscience 259
Thurstone, L. L.—*Reprint of* A Law of Comparative Judgment 266
Trabasso, Tom—*see* Graesser, Arthur C.
Trick, Lana M., and Pylyshyn, Zenon W.—Why Are Small and Large Numbers Enumerated Differently? A Limited-Capacity Preattentive Stage in Vision 80
Tversky, Amos, and Koehler, Derek J.—Support Theory: A Nonextensional Representation of Subjective Probability 547
Tyler, Lorraine Komisarjevsky—*see* Marslen-Wilson, William

Vazsonyi, Alexander T.—*see* Rowe, David C.

Waksler, Rachelle—*see* Marslen-Wilson, William
Wallsten, Thomas S., and González-Vallejo, Claudia—Statement Verification: A Stochastic Model of Judgment and Response 490
Wallsten, Thomas S.—*see* Erev, Ido
Warren, Paul—*see* Marslen-Wilson, William
Watson, John B.—*Reprint of* Psychology as the Behaviorist Views It 248
Wegner, Daniel M.—Ironic Processes of Mental Control 34
Williams, Ben A.—The Role of Probability of Reinforcement in Models of Choice 704

Yang, Yingrui—*see* O'Brien, David P.

OTHER

Acknowledgment 740
American Psychological Association Subscription Claims Information 236, 652
Call for Nominations 52, 675, 724
Call for Papers 362, 518
Call for Papers on Change Process Research 102
Instructions to Authors 2, 311, 370, 733
Low Publication Prices for APA Members and Affiliates 33, 352, 631
New Editors Appointed, 1996–2001 546
New *Publication Manual* for Preparation of Manuscripts 567
1995 APA Convention *Call for Programs* 546
P&C Board Appoints Editor for New Journal: *Journal of Experimental Psychology: Applied* 156, 335, 538, 739
P&C Board Appoints Editor for New Journal: *Psychological Methods* 724
Search Opens for Editor of New APA Journal 188
Six Editors Appointed, 1995–2000 189